



Call for Proposals Collaborative UC/Los Alamos Research (CULAR) Proposals Due: Spring 1998

Purpose

The CULAR program funds joint research projects between the Los Alamos National Laboratory and University of California (UC) Campuses that enhance the Laboratory's competencies in selected areas and that strengthen the technical ties between the Laboratory and the Campuses.

Program Description and Duration of Project Funding

A research project is jointly proposed by a Los Alamos Investigator (LI) and a Campus Investigator (CI) in one of the following Technical Focus Areas:

- Bioscience and Biotechnology
- Earth and Environmental Systems
- Materials Science

Funding requests may not exceed \$55k per year. Most of the funding should be spent by the Campus, but at least 10% must be spent by Los Alamos. A new proposal can describe work to be performed over a period not to exceed 3 years, but approval for funding will be granted one year at a time. This Call is soliciting proposals for work to be funded for the period of October 1, 1998 to September 30, 1999 (Laboratory Fiscal Year 1999).

Additional Proposal Guidance

The proposed research should be collaborative and should build on the complementary personnel capabilities and research facilities of Los Alamos and the Campus. One goal of the CULAR program is to allow campus participants to become more familiar with Los Alamos capabilities and facilities. To this end, the research is to be carried out at Los Alamos or at both Los Alamos and the participating Campus. In the latter case, Campus participants should spend a portion of the project time working at Los Alamos. Graduate student participation is encouraged, but limited to students who have completed their course requirements and are in the research stage of their degree requirements.

The proposal format and instructions are attached.

Proposal Submission and Review Process

The first step of the proposal review and selection occurs at the Campus under the direction of the Campus Research Administrator (e.g., Vice Chancellor for Research). **No more than 4 new (first-year) proposals may be submitted per year by a given Campus.** All continuing (second- and third-year) proposals from a Campus may be submitted. The method of reviewing and selecting proposals at the Campus is left up to the Research Administrator, but the process should ensure that the proposals meet all of UC requirements including the approval by the Campus contracts and grants office. One copy of the selected proposals (new and continuing) must be submitted **no later than May 22, 1998** to:

**UC Coordinator
MS F673
Los Alamos National Laboratory
Los Alamos, NM 87545**

The LI and CI have the responsibility for meeting the campus deadline for submission. Each campus will have its own submission date and selection process prior to the May 22 deadline at Los Alamos.

The Laboratory UC Coordinator will give the **new proposals** to a Los Alamos technical review committee for the Technical Focus Area selected by the proposal LI and CI and listed on the Data Sheet. The technical review committee will provide a written evaluation and numerical score based on the evaluation criteria listed below. The numerical scores from this evaluation will be used to rank the new proposals.

Proposal Evaluation Criteria

- Creativity and innovation (30)
- Technical impact (on the scientific field in general and on the Laboratory and Campus capabilities) (30)
- Feasibility (20)
- Importance of complementary capabilities and facilities at the Campus and Laboratory to carry out the proposed research (20)

The **continuing (second- and third-year) proposals** will be given a scientific management review by the UC Coordinator to ensure that reasonable technical progress has been made and that the quality of collaboration is fulfilling the purpose of the CULAR Program. Subject to the availability of UCDRD funds, these proposals will usually continue to be funded if they pass this management review. However, if a continuing proposal requests a larger budget than was granted the first year, that proposal will be treated like a new proposal (except that the earlier year(s) will count against the 3-year limit) and will be counted as 1 of the 4 new campus submissions. Because the probability of continued funding is substantially less in this case, requesting larger budgets for the second and third year is **not** recommended.

Based on the above reviews and rankings and the requested budgets in each proposal, the UC Coordinator will select the proposals to be funded and the budget level for each proposal. Contingent on the availability of funds, up to 10 new proposals will be selected, in addition to the continuing projects. The LIs and CIs will be notified of these decisions by August 21, 1998.

Proposal Format and Instructions

The proposal consists of four main parts:

1. Data Sheet
2. Body
3. Budget Sheet
4. Attachments.

1. Data Sheet

The quality and completeness of the information on this page can strongly influence the initial ranking of the proposal during the technical review process. The length of the Data Sheet must not exceed one page and must not contain fonts smaller than 12 point (the size used in this set of instructions). The LI and CI can determine which technical committee reviews their proposal by entering the desired Technical Focus Area on the Data Sheet. If the designation of either the LI or CI as Principal Investigator is desired, enter "PI" or "Principal Investigator" after the appropriate name on both the Data Sheet and the first page of the proposal.

The figures in the funding profile table should be the sum of the proposed budgets for the Campus and the Laboratory. The total of both operating and capital should not exceed \$55K per year. As explained in the Proposal Submission and Review Process section, it is recommended that the budgets requested in the second and in the third year **not** exceed that requested in the first year.

The format of the Data Sheet is:

Los Alamos National Laboratory FY 1999 CULAR Data Sheet

Project Title:

Los Alamos Investigator (LI):

Group:

Address:

Telephone:
Email:

Campus Investigator (CI):

Campus:

Address:

Telephone:
Email:

Technical Focus Area: (Select one of the 3 listed in the Call)

Nature and Significance of Proposed Work:

Previous Year's Major Accomplishments (If applicable):

Work Proposed for FY 1999, Goals, and Expected Results:

CULAR Funding Profile:

Fiscal Year:

Operating (k\$):

Capital (k\$):

Total (k\$):

FY 1999	FY 2000	FY 2001

2. The Body

The body of the proposal can be no greater than 5 pages in length using fonts no smaller than 12 point. The text on the Data Sheet (not included in the 5-page limit) is considered the abstract for the proposal and therefore no other abstract is desired in this document.

The format of the body of the proposal follows:

FY 1999 CULAR Project Proposal

Project Title:

LI Name:

CI Name:

LI Address:

CI Address:

LI Email:

CI Email:

Background and Rationale:

Research Objectives and Goals:

Technical Impact:

Research Approach:

Technical Progress Summary: (For second- and third-year proposals only) (Limit to 1 page including list of publications, conference papers, patents, awards, and degrees derived from this CULAR-funded work. Also include the names of the postdocs and graduate students that worked on this activity.)

Expected Technical Results:

Capabilities at the Campus and Los Alamos: (Include both facilities and expertise.)

Literature Cited:

3. Budget Sheet

The portions of these expenditures to be made by the Campus and the Laboratory should be listed separately. The Campus expenditures should be more than half of the budget, but at least 10% should be spent by the Laboratory. Show all direct costs for FY 1999 only, including salary, benefits, materials and services, equipment, and travel. Make sure the sum of the Campus and Laboratory costs agrees with that on the Data Sheet.

The CULAR Program is a DOE Laboratory (Los Alamos National Laboratory) University of California Collaborative Activity. The costs of this Program will be paid entirely from UCDRD funds. These are University funds held in an account at the UC Office of the President (UCOP). These funds will be transferred by Los Alamos direction directly to the UC Campus for the Campus expenditures. Because UCDRD funds are University funds, they are deemed to be intramural and therefore not subject to A-21 overhead rates. Proposals from Campus faculty must be submitted through their contracts and grants office for the usual approvals.

Funds for Los Alamos expenses will be transferred to the appropriate Los Alamos group. No G&A burden will be imposed by the Laboratory.

It is in the interest of the Laboratory to encourage support of collaborative activities; therefore, campus budgets may include, at the option of the campus research administrator, an amount of up to ten percent of the total direct Campus costs for this purpose. This will be a lump amount intended to be retained by the Office of the Vice Chancellor for Research. This lump amount to support collaborative activities is a program objective and is not to be interpreted as in lieu of indirect costs, since indirect costs are not required under this program. The lump sum is a direct cost, and should be labeled "Campus/Los Alamos Collaborative Activities Support" in the Budget Sheet.

4. Attachments

The following must be attached to the proposal:

A. Curriculum Vitae (Attach 1-page vitae for the LI, CI, and other major participants. Include only the most important publications that pertain to the proposed work.)

B. Required Documentation (All required documentation to comply with University, Campus, Laboratory, and DOE requirements including those associated with ES&H and living subjects (human or animal) compliance.)